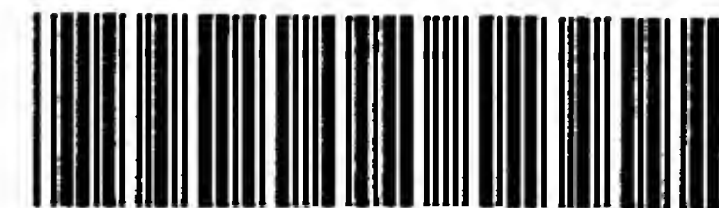


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The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/593,414
Source: 1FWP
Date Processed by STIC: 9/27/06

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IFWP

RAW SEQUENCE LISTING

DATE: 09/27/2006

PATENT APPLICATION: US/10/593,414

TIME: 10:08:12

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Output Set: N:\CRF4\09272006\J593414.raw

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5 <110> APPLICANT: Philippi, Anne
6      Rousseau, Francis
7      Roschmann, Elke
10 <120> TITLE OF INVENTION: HUMAN OBESITY SUSCEPTIBILITY GENES ENCODING PEPTIDE HORMONES
AND USES
11      THEREOF
14 <130> FILE REFERENCE: 21614-002US1
C--> 16 <140> CURRENT APPLICATION NUMBER: US/10/593,414
C--> 16 <141> CURRENT FILING DATE: 2006-09-18
16 <150> PRIOR APPLICATION NUMBER: PCT/IB2005/001030
17 <151> PRIOR FILING DATE: 2005-03-23
20 <150> PRIOR APPLICATION NUMBER: US 60/555,700
21 <151> PRIOR FILING DATE: 2004-03-24
24 <160> NUMBER OF SEQ ID NOS: 8
27 <170> SOFTWARE: PatentIn version 3.1
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43 <222> LOCATION: 425
45 <223> OTHER INFORMATION: SNP4 G/T
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54 cggggagaca cagcacccct gtgggggggg cttctttctc caggctgggc cttggcctcc      180
56 agacgcctct ctgcccacca acccctttgt attgagaggg gcctcgaccc ctcctcatcc      240
58 cctcagtga aacaataaag acaaattttt gttgcttcag tgacttctgt ggcctgcgg      300
60 gcaggaggag accagtcctat ggaacgggaa gtgggacct gtagtttctg ctgtgagaga      360
62 aaaagacctc agctgttggg ggtcctcccc tgcctcccct ggcaacccat ccaccttccc      420
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85 <223> OTHER INFORMATION: SNP5 A/G
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Output Set: N:\CRF4\09272006\J593414.raw

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98 aggtgtagtg gggggtggaa gagggagaac aggagcccag ggccagcctg aggcctcctg 300
100 agggcacgag gcctaccccc tacactgcca tgttctgccc tgtcctcaca gggagctcag 360
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130 tgaatgaagg caggtaaagg agcaaaggga atggggggcc cccacatacg tgaccccagg 180
132 gcagcagctt ggctgcacc ragtcctcca tcacacacac tcccccgccc ccccccgca 240
134 tcctggctgt ctaaccacaa tccctgctgc cttcagttaa tcaaccaatg agtggtcatt 300
136 cattgcacat ctgttctggg cctcatgggg gcagcgggag gtgatgaaga agcaagggtt 360
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166 atattcaccc ttaggatatt ttcctgaacc ccgatacccc acaatctcct atccgcacat 180
168 taactttacc ttgggatatg yaaatattaa gtagaaccct atgaaattta cattagttaa 240
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182 aaaattagcc ggggtgtggt gcaggcgcct gtagtcccag ctacttgga ggctgaggca 660
184 agaggattgc ttgaacccag gaggcagagg ttgcggtgag ctgagcagcc actgcactcc 720
186 agcctgggtg aactccatc tcaatgaaaa aaaaaaaaaa aaacgaaaag aagagaaatg 780
188 caggcatgca ggcggcgaca gtggctcacg cctgtaatcc caacactttg ggaggccaag 840
190 gcagttggat cgcttgagct caggagttaa agactagctg ggcaacatag caaaactctg 900
192 tctctacaaa aaaagaaaga aaaaaattat atatatatat gaaagaaatg cagcccatga 960
194 cttcccttga gtctggtggg cttgtgacac acttataacc aataggatgg gtcagaagta 1020
196 atgctacagg actgctaagg ttgaacttta aaagacaatg cagcagccac cttttctgct 1080
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204 gactgcaacc acatgagaaa ctctgaacta gaaccaccag gtaagccctt cctgaattcc 1320
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216 ggtcttgctc tgttgcccaa gctggagtgc agtggcgcaa tctcagctca ctgcaacccc 1680
218 cacctcctgg gcttaggcca tcctcccacc tcagccaccc gagtaggaac tacaggcgca 1740
220 caccaccag cccagctaatt ttttgatatt ttttatagag acaaggtttt gccatggtgc 1800
222 ccaggctggt ctcaaattcc tgagctcaag caatgtacct gcctcagcct cccaaagtgc 1860
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243 <223> OTHER INFORMATION: n = a, t, g or c
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253 <223> OTHER INFORMATION: SNP8 C/T
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262 gactcctatg agttggtcaa ccacgccaag ggactgccag actcctttca caagccagct 180
264 tctgaccag gcagctgacc ytcacatgg acactacagg ccgggggggtg gccagggtgg 240
266 accaaaagcc atgccagctg ggcatgaccc caggcagcca gccacaggct gaagggggct 300
W--> 268 tgttggctga gtgatctgca naggagaaag cagccccagc tctgcccaga ggaggcgctg 360
270 aagtgggaca agcacaggaa agaaggggac cagtctagga c 401
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277 <212> TYPE: DNA
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287 <222> LOCATION: 101
289 <223> OTHER INFORMATION: SNP9 = C/T
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328 gccttgtggg agtgtcccc tgccagttag tgccacccta cccaagtct gtcttcacta      180
330 caagtaccct tttttatttt tatttttatt ttttgagaca gagtcttggt ttgtcaccca      240
332 ggctggagtg cagtggcacg atcttggtc actacaacct ctgcctccag gtctgggttc      300
334 aagcgattct cctgcctcag cctcccaagt agctgggact acaggcacgt gccaccatgc      360
336 ctggctaatt tttgtttgtt tttttttttt ttgtttgttt gtttgttttg agatggagtc      420
338 tcgctccgtc gccaggctg gcaggcagt gcgccatctc ggctcactgc aacctccgcc      480
340 tgccgggttc acgccattct cctgcctcag cctcccaggt agctgggact acaggcacct      540
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344 caggatggtc tcgatctcgt gacctcgtga tccaccgcc tcggcctccc aaagtgctgg      660
346 gattacaggc gtgagtcact gcgcccgcc ccctttcttt tttcttttct ttttttcttt      720
348 tttgagagag tctctctttg ttgcccatgc tggagtgcag tgaactcgat cttggctcac      780
350 tgtaacttct gcctcccagg ttcaagtgat tctcttgct caacctcca agtagctggg      840
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354 caccatgttg gccaggctgg tctcgaacct ctgacctcag gtgatccgcc cgtgtcgtcc      960
356 tccaagcgc tgggattaca gacgtgattc atcgcgctg gcctacaagt aycccttcta     1020
358 actgagggca actgtaaagg aagtagggca tagaagaata gtagtgggcc ctgtgcccag     1080
360 aaggaggag gaggaagaaa aaagggggta cttagggtac cctaccacaa ggcaggcccc     1140
362 agacagcagc tggagatagc caaatgttaa tcaccaatta gcacagttca ggtggaaagg     1200
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381 <222> LOCATION: (41)..(140)

383 <223> OTHER INFORMATION: n = a, t, g, or c

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397 <400> SEQUENCE: 8

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402 nnnnnnnnnn nnnnnnnnnn tatggctttg gtgatgtgca atgcccccat cacattatct      180
404 agagaggtgt cccaagggt caatgttgag ggaatatgaa ggatcggggg ttcctaggga      240
406 cagctggata aactgagaac atacattcaa gctgtcttcc tgctcagggg caggataaag      300
408 caggagaaag agacatgttt gtacctcagg ggctcacagg aggggtgggg agttacaact      360
410 ttatctatag agatttagga gccctctctc tcatatgtcc tactgtcctg tacaagagaa      420
412 gtatgtcatc ctgtctcttc tatcagagtg aagaccctgg agttacgctg tgcctctcta      480
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416	gagaggagga	ggagagctgg	aggcgatggt	ccccagcac	actgaggctt	tctgaggcta	600
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420	agtacttagc	acatggctct	gtccacaggg	gctctcagtc	tagaaggggc	agggcacaga	720
422	ttgcattttt	ggcagacctc	caaggcggtc	tttccaggct	cctcctctgc	caccgccatg	780
424	ggtacttggg	accataaaca	gccaagctca	tgctctgcct	atcagctcca	ggtcctaata	840
426	aaggccacct	tcctttccag	gtgaacaccc	tagcctagga	gcagatccag	catgaaatta	900
428	agtgtgcgtg	tgggatgaga	ggtacctgga	ctagcagggt	cacttacctc	tgctcctgg	960
430	aaacctcctc	tgcatacca	cccattctcc	accatctaga			1000

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/593,414

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Input Set : A:\PTO.RJ.txt
Output Set: N:\CRF4\09272006\J593414.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:8; N Pos. 41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60
Seq#:8; N Pos. 61,62,63,64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79,80
Seq#:8; N Pos. 81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100
Seq#:8; N Pos. 101,102,103,104,105,106,107,108,109,110,111,112,113,114,115
Seq#:8; N Pos. 116,117,118,119,120,121,122,123,124,125,126,127,128,129,130
Seq#:8; N Pos. 131,132,133,134,135,136,137,138,139,140

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/593,414

DATE: 09/27/2006

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Output Set: N:\CRF4\09272006\J593414.raw

L:16 M:270 C: Current Application Number differs, Replaced Current Application No

L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:268 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:300

L:398 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0

M:341 Repeated in SeqNo=8